

What the World Is Doing

As Seen by Popular Mechanics Magazine

Ten Million Radios Predicted for U. S. in Five Years

Predicting an expenditure of \$450,000,000 for radio by the "land" of the nation during 1925, experts have estimated that by 1930 there will be 10,000,000 receiving sets in operation in the country. Five years ago, approximately 50,000,000 was spent for apparatus, and last year this amount had increased almost 175 times that figure. In 1923, there were 145,000 sets in use on the farms, and one year later the number had more than doubled. At the beginning of the industry, all apparatus were assembled by the owners, but with the steady development of parts and hookups, the volume of ready-built instruments purchased increased until about forty per cent are now sold ready to tune in. To supply the more than 4,000,000 homes now equipped with receiving sets, programs are broadcast from 635 stations.

One-Cylinder Motor Plow Replaces Four Horses

The horse, rapidly being displaced in cities and on farms by automobiles and tractors, has a powerful rival in a one-cylinder motor plow, said to do the work of four of the animal toilers at half the cost. The implement, introduced on an English farm, is readily handled by one man, and owing to its compact construction, can be driven into corners and close to fences generally inaccessible to horse-drawn tools, resulting in increased planting space and a saving of hand work to turn the soil. It requires little attention for upkeep and consumes a small supply of fuel, besides relieving farm hands of the constant care required by draft animals.



crossed planting space and a saving of hand work to turn the soil. It requires little attention for upkeep and consumes a small supply of fuel, besides relieving farm hands of the constant care required by draft animals.

Steel Brackets for Scaffolds

Steel braces that are attached to the wall with four nails and have two legs that rest against it to keep them from shaking have been found practical for stucco and other construction jobs. They can be set up in much less time than is required for the usual wooden stacing, are made of steel that will not bend, and fold up for easy carrying. They are



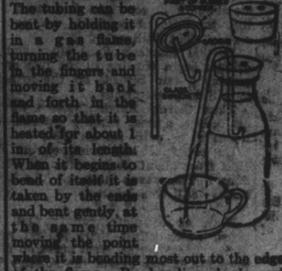
manufactured in two lengths, three and three and one-half feet, weigh less than 200 pounds per dozen, and are said to last indefinitely if properly handled. A dozen or two of the brackets, it is said, will take care of the average stucco job.

Water Is Sweetened with Air to Prevent Disease

New York City's water supply is carried through pipes for such a great distance that it is necessary to sweeten it with air and sunshine to guard against contamination. This is done in huge aeration plants where the water is ejected through perforated pipes. High, open country amid flowering fields is chosen as the place for the process, and the area is fenced in to prevent foreign matter falling into the water. A mist hangs over the falling jets usually, and on sunny days, rainbows are plainly visible in the spray.

Separating Cream from Milk

A separator that siphons off the cream from a bottle of milk and automatically stops the flow when the cream line is reached, is shown in the illustration, and can be made for about the price of a bottle of milk. All that is necessary is a No. 11 1/2-hole rubber stopper, and a 15-in. length of 3/4 or 1/2-in. glass tubing. Two bends are made in the tubing, one about 8 in. from the end, and another 3/4 or 4 in. from the first.



The tubing can be bent by holding it in a gas flame, turning the tube in the fingers and moving it back and forth in the flame so that it is heated for about 1 in. of its length. When it begins to bend it is taken by the ends and bent gently at the same time moving the point where it is bending most out to the edge of the flame. By bending slowly and spreading the bend over 1 1/2 in. of the tube a smooth even bend will result. This tubing is broken off just above the second bend by scratching its outside with a sharp-edged file, grinding it on either side of the scratch with the fingers and spring it a quick snap. The rubber stopper is cut with a very sharp knife to leave a section 1/4 in. thick; this is laid over the mouth of the bottle and the outline of the mouth traced on the rubber. Concentric with this outline a circle is drawn, 1/4 in. smaller in radius; now, with a sharp knife a circular groove is cut around the stopper, about 1/8 in. deep, between the circles. The stopper and tube are then assembled as shown, and put in place so that the short arm comes to the cream line. Close the open hole in the stopper with the thumb and thrust sharply downward, then withdraw the thumb. The sudden pressure starts the flow of the siphon and it keeps on running until the cream line is reached.

In and About the City

GIBSON'S LOSS OF \$75,000

Game Featured by Poor Fielding on Part of Locals—Both Pitchers Are Hit Hard

Like the proverbial little drops of water and grains of sand, Kannapolis scored by dribbles Thursday afternoon and despite the fact that Gibson did everything in its power to make up its deficit in runs, the visiting team was able to win by a score of 7-4.

Very helpful in getting the runs for Kannapolis was the manner in which Gibson's team fielded. In the outfield Smith and Hayey played like grammar school boys while in the infield Young played as though he had never seen a baseball before. It was by far the worst exhibition that the local team has put up this year.

On the other hand, Kannapolis playing good ball. There was nothing startling about their fielding but it was always careful and few were the bunched stunts pulled in comparison to the large number of exhibitions of solid play on the part of Gibson.

Both pitchers were a disappointment. Westledge, our strike-out king of the Piedmont League and reputed big-league stuff, was lambasted on several occasions. When he tried, as he did in the fourth inning when he struck out four men in succession, he could deliver well but in the greater part of the game he seemed to be taking the while thing as a huge joke. The fact that he was not being given proper support may have accounted for his indifferent pitching.

Champion, a right-hander, had some nice books and had some of the Gibson team guessing. He was hit hard also at times and if Gibson had been able to deliver safe blows when most needed, the score might probably have been different. In the first and second innings, there were three men on bases but only one run was brought across on either occasion.

Holmes had to relieve Champion in the ninth inning. Watts pitched out against the right field fence.

Both teams scored one run each in the first and second innings. Saunders, who should have been trapped between second and third, was safe at third when Young pulled a boner. He scored later on a single by Fink. In the next inning, Lindsay scored when with two men out, Young threw the ball to third base in an attempt to catch him instead of playing it to first for the last out.

Haynes, who started at the bat, for Gibson, made a fluke home run in the first when a ball down the third base line which ordinarily would have been a double, rolled through a hole in the fence and let him come home. In the next inning, Westledge scored, after being walked, on a double by Haynes.

Kannapolis scored two more in the fourth, one in the sixth, one in the eighth and one in the ninth. Homer Fink's homer in the ninth gave Kannapolis an extra run lead which won for them the game. Fink had been batting in hard luck up to that time but he caught one squarely and sent it well over the left field fence.

Gibson staged a rally in the eighth which netted three runs. Haynes walked and Smith and Westledge singled consecutively. Basinger struck out but Haynes singled, Andrews then fled out, retiring the side.

In the ninth, Gibson again came near tying the score when Watts slugged out for three bases and Clemmer singled Holshouser's first offering. Hartzell then knocked a grounder to Johnson which went in the crowd. Haynes fled to Johnson for the third out.

Saunders, Duke University star, led the hitting for the visitors, getting three safe blows. Haynes hit best for Gibson.

Team	AB	R	H	PO	A	E
Kannapolis	33	7	12	27	12	0
Gibson	33	4	11	27	12	0
Basinger, 3b.	5	0	1	2	0	0
Haynes, ss.	5	1	3	1	2	0
Young, 2b.	2	0	2	2	0	0
Andrews, 2b.	2	0	1	0	4	0
Watts, 1c.	3	1	1	0	0	0
Clemmer, c.	4	0	2	10	1	1
Haynes, rf.	4	0	1	1	1	1
Smith, cf.	4	1	2	0	1	2
Westledge, p.	3	2	1	2	0	0
Total	38	6	13	27	13	4

Summary: Two-base hits, Clemmer, Haynes, McLann. Three-base hits, Champion, Watts. Home runs, Haynes, McLann, Fink. Sacrifice hits, Watts, McLann. Hits off Champion, 12 in 8 innings, off Holshouser, 1 in one inning. Doubtful plays, Johnson to Lindsay by Basinger, Haynes to Hartzell. Bases on balls, off Westledge 5, off Champion 6. Struck out by Westledge 8, by Champion 6. Wild pitch, Westledge. Hit by Westledge, Lindsay. Time 2:30. Umpires, Loflin and Hopkins.

LOCAL DEMOLISH TO ATTEND FIRST STATE CONCLAVE

Local Chapter to Send Large Delegation to Meeting in Asheville on 13th and 14th.

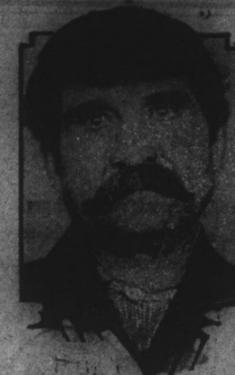
Announcement is made that the local chapter of DeMolays will send a large delegation to Asheville for the first State convocation of the order, the convocation to be held July 13th and 14th.

Those from the Lewis Hartsell chapter who plan to attend the convocation are: Eugene Isenhour, James Wilkinson, Wesley Walker, Dan Ritchie, Sanford Neal, Jassa Gaskel, Eddie Wincoff, J. F. Harris, Eugene Bruton, Walter Caloway, Robert Clins, George Howard, Marvin Wingate and Carl Blakely.

St. Louis 1777 club, being the world's largest shoe market, it being said that one out of every five persons in the United States walks in St. Louis-made shoes.

The first tournament for the British open golf championship was held in the year 1860.

Never Tails



Filler Shellenberger, life prisoner at the Nebraska state penitentiary, hasn't spoken one word for 10 years. This is because he "talked himself into prison," confessing a murder when he thought he was dying, only to recover and be committed and sent to prison. He answers all questions by shaking or nodding his head.

DAYTON ON MAP BEFORE SCOPE CASE, CITIZENS INSIST

Knowen Always as Strawberry Center, and Faded Pride in Its Possession. Dayton, Tenn., July 8.—While the trial of John T. Scopes, charged with violating the Tennessee law prohibiting the teaching of evolution in the public schools, has attracted attention to this city from all parts of the country, its citizens insist that it was permanently placed on the map long before on its own account. The trial scheduled to begin Friday is expected to bring to the city a large number of visitors who never have been here before; some, perhaps, who never have heard of the place.

Citizens of Dayton take pride in the city's claim to be the largest strawberry shipping center in the world, and they are optimistic that within a few years it will rival Fort Valley, Ga., as a peach center.

The county seat of Rhea county, Dayton is the center of a rich agricultural country. Its strawberry shipments this season amounted to 500 cars, which, local men say, is far below the shipments of previous years.

Because the surrounding hills form excellent shields for orchards, farmers have been turning their attention to peach producing in recent years, and this season approximately 300,000 trees will bear fruit for the first time.

In addition to its riches of the peach orchards and strawberry patches, Rhea county has considerable wealth underground. Only a few of the world's known minerals are missing when a census is taken of the territory within 50 miles of Dayton. At present mining operations are dull, but there are plenty of miners in Rhea county and there is a movement afoot for a revival of mining on a large scale.

Dayton is governed by a commission of three members. It has some paved streets and sidewalks, and has under consideration a plan which, city officials predict, will result within 18 months in the improvement of every street and sidewalk within the city limits.

If evolution theories and arguments poll on the visitors, the city officials point out that nature has provided on a wide range for their entertainment and sight-seeing, the scale running from the mountains of Walden's range of the Cumberland to the valleys of the Tennessee and Hiwassee Rivers.

BROTHERLY LOVE

"Yes," said the principal of the young ladies' seminary to the proud parent, "you ought to be happy, my dear sir, to be the father of so large a family all the members of which to be so devoted to one another."

"Why, yes indeed," said the principal, beaming through his glasses. "No fewer than eleven of Edith's brothers have been here this term to take her out, and she tells me she expects the tall one with the blue eyes is coming again tomorrow."

SOME OF THE BIG LEAGUE BASEBALL GAMES NOWADAYS ARE A REMINDER OF THE EARLY DAYS OF THE PAST, WHEN 21 RUNS WERE NECESSARY TO WIN THE GAME.

THIS CONCORD LADY DOUBTED

Though Today She Is Well and a Believer in HERB JUICE.

"For a number of years I suffered severely with indigestion and stomach trouble," said Mrs. C. V. Moore, well known and popular Concord lady, in a recent conversation with the HERB JUICE man.

"I tried many different treatments and took everything that was suggested, but all without any noticeable results; and I began to doubt very seriously if I would ever be well again. Most of the time I suffered with a headache and had that tired, dragsy feeling along with my other complaints and was continually losing in weight."

"At last," continued Mrs. Moore, "I heard of HERB JUICE and made up my mind to give it a fair trial. Almost immediately I felt better, and continued using your wonderful medicine until I had taken two bottles. Today I am in perfect health, have a good healthy complexion and have gained at least 14 pounds in weight and I feel simply fine all the time. A day's work is now a pleasure and I can eat anything I want and am no longer bothered with those dreadful headaches or indigestion spells."

"HERB JUICE to my way of thinking is certainly the greatest preparation in the world for indigestion and stomach trouble and is the finest tonic to build up a rundown system and will bring relief and health to those who suffer as I did."

Herb Juice is now calling daily to see the HERB JUICE man at his headquarters at the Gibson Drug Co., giving away samples for publication and proving to you that their remedy is the best in the world. Write for a free trial bottle to try the great remedy which has cured so many suffering people.

Lighthouse Service, Past and Present

The story of the lighthouse goes back more than two thousand years, but it is only within the last century that lighthouses have been developed on scientific principles. The early towers of Europe had grates in which billets of wood or coal burned, giving off an uncertain light, which varied with the ever-changing character of the air. The range of such lights was naturally short. Contrast with that primitive service the marvelous beacons of today that throw millions of candlepower across the sea—rays of light carrying sixty miles and more over the deep.

Before the introduction of modern apparatus, practically all of the lighthouses were fixed; that is to say, they gave forth a continuous steady light. Today, in order to avoid the likelihood of confusion, they are made now to flash at regular intervals, to show a fixed light regularly by a single flash of greater brilliancy, or to display a steady light

and flashes. These are called "alternating lights." It is the navigator's business to know the combinations. In daylight he looks for distinguishing features of form for outline. Many towers, like Barnegat and the one on Cape Hatteras, are painted in spirals, bands, or blocks.

Lights and other aids to navigation are maintained along nearly 50,000 miles of coast line and river channels. There are more than 10,000 of these safeguards, embracing all orders from the great "blazer" on some headland tower to the faint gleam of the small post light and from the shrill siren to the tocsin of the fog bell. A source of wonderment everywhere is the unattended light—the light that shines for months at a time without a keeper. Typical of this is the light on Richardson's Rock, sea-swept and treacherous, west of the Santa Barbara Islands, California. When gas is provided and adjustment made, this mechanical marvel will flash its warning

550,000 Gift From Benjamin Duke

Greensboro, July 9.—A check from B. N. Duke tobacco magnate for \$50,000 was received here today for Greensboro college, institution of the Methodist of North Carolina, for the education of young women. It was learned here today on good authority.

The gift is being handled by Charles E. Ireland of this city, lay leader of the western North Carolina Methodist conference, and he was out of town today attending the sessions of the Salisbury district at Norfolk. It is said he would not return home until Friday.

The president of the college, Dr. S. B. Turventine, declined to discuss the matter of receipt of the check.

The college is making an endowment drive, the aim being to add \$500,000 to the \$200,000 endowment.

FREE VACCINATION

AGAINST Typhoid Fever and Diphtheria

DISPENSARY DATES AND PLACES

Day	Date	Time	Place		
MONDAY	July 13th, 20th, 27th, Aug. 3rd	8:15 to 9:30 A. M.	Rimer		
		9:30 to 9:30 A. M.	Watts Cross Roads		
		10:30 to 10:30 A. M.	St. Stephens Church		
		11:30 to 11:30 A. M.	Pecks School		
		12:30 to 12:30 A. M.	Barringer School		
		1:30 to 1:30 P. M.	St. John School		
		2:30 to 2:30 P. M.	Mt. Pleasant		
		3:30 to 4:00 P. M.	Barrier School No. 7		
		4:30 to 5:00 P. M.	Cold Springs church		
		5:00 to 5:00 P. M.	Rock Hill School		
TUESDAY	July 14th, 21st, 28th, Aug. 4th	8:30 to 9:00 A. M.	G. C. Heglar's Store		
		9:15 to 9:30 A. M.	Plotts Store		
		10:00 to 10:30 A. M.	Georgeville, N. C.		
		11:00 to 11:35 A. M.	Bost Mill, N.		
		11:45 to 12:15 P. M.	Howells Church		
		12:45 to 1:15 P. M.	Midland School		
		1:45 to 2:15 P. M.	Ebenezer Church (col.)		
		2:30 to 3:00 P. M.	Bethel Church		
		3:30 to 4:00 P. M.	Pioneer Mill School		
		4:30 to 5:00 P. M.	Flower's Store		
THURSDAY	July 16th, 23rd, 30th, Aug. 6th	8:30 to 9:00 A. M.	Poplar Tent		
		9:15 to 9:45 A. M.	Cedar Grove		
		10:00 to 10:30 A. M.	Gilwood School		
		10:45 to 11:15 A. M.	Coddle School		
		11:30 to 12:00 P. M.	Bethpage Church (col.)		
		12:15 to 12:45 P. M.	Snead School, (col.)		
		1:30 to 1:30 P. M.	Bethpage School		
		2:30 to 3:00 P. M.	Wincoff School		
		FRIDAY	July 17th, 24th, 31st, Aug. 7th	9:00 to 9:30 A. M.	Gilead School
				9:45 to 10:15 A. M.	Shinn School
1:00 to 1:30 P. M.	Kannapolis Y. M. C. A.				
SATURDAY	July 18th, 25th, Aug. 1st and 8th			9:00 to 9:00 A. M.	Health Dept. New Co. Bldg.
				9:00 to 10:30 A. M.	Young Hartsell Mill
				10:45 to 12:00 A. M.	Brown Mill Office

Last Part of Each Period for Colored People

All Children Attending a Public or Private School Must Be Vaccinated Against Smallpox

St. Louis 1777 club, being the world's largest shoe market, it being said that one out of every five persons in the United States walks in St. Louis-made shoes.

The first tournament for the British open golf championship was held in the year 1860.

J.C. Penney Co.
A NATION-WIDE INSTITUTION
DEPARTMENT STORES
60-64 South Union Street, Concord, N. C.

LOWEST PRICES BUT NO "SALE"

Not a spotty service, hitting or missing your needs, as the case may be, but always affording you the lowest possible prices consistent with quality and the market.

Superior Values Always Here!

We don't believe in spasmodic "sales," but we do believe in giving the most in value for each dollar you spend here. And we believe in doing this every day in the year. We Close Every Thursday Afternoon Until September 1st

GET IT AT

Phone 117

Ritchie Hardware Co.
YOUR HARDWARE STORE
PHONE 117

BETTER CLEANING RESULTS

Are obtained when your garments are thoroughly dusted before Cleaned or pressed. We electrically dust all suits whether they be Dry Cleaned or just sent in for pressing with our improved electric garment dusting machine.

M. R. POUNDS
Dry Cleaning Department

POPULAR EXCURSION

VIA
Southern Railway System
JULY 15th AND 16th.
TO
Florida Points and Return

ROUND TRIP FARES FROM CONCORD, N. C.

To Jacksonville, \$15.50; Palm Beach \$16.00; St. Augustine \$17.00; Daytona and Ponce \$18.25; West Palm Beach \$20.00; Miami \$24.50; and to Bradenton, Ft. Myers, Manatee, Moorehaven, Orlando, Palmetto, Sarasota, St. Petersburg, Tampa and Winter Haven, the round trip fare will be \$22.50.

Final return limit of tickets to Jacksonville, Palm Beach, St. Augustine, Daytona and Ocala, will be seven days in addition to date of sale.

Tickets to West Palm Beach, Miami, Bradenton, Ft. Myers, Manatee, Moorehaven, Orlando, Palmetto, Sarasota, St. Petersburg, Tampa and Winter Haven, will be limited to ten days in addition to date of sale.

Tickets good in sleeping cars and parlor cars, and baggage will be checked.

A fine opportunity to visit the wonderful State of Florida. For further information call on any Southern Railway Agent or address:

M. E. WOOD, U. A., R. H. GRAMM, D. H. A., Concord, N. C., Charlotte, N. C.

THE NEW YORK TIMES